

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5**

IN THE MATTER OF:

**Toyota Motor Manufacturing Indiana, Inc.
4000 Tulip Drive
Princeton, Indiana 46767**

ATTENTION:

**Margaret Winzapfel
Specialist Environmental Affairs**

Request to Provide Information Pursuant to the Clean Air Act

The U.S. Environmental Protection Agency is requiring Toyota Motor Manufacturing Indiana, Inc. (Toyota or you) to submit certain information about the automotive assembly facility at 4000 Tulip Drive, Princeton, Indiana. Appendix A provides the instructions needed to answer this information request, including instructions for electronic submissions. Appendix B specifies the information that you must submit. You must send this information to us according to the schedule in Appendix B.

We are issuing this information request under Section 114(a) of the Clean Air Act (the CAA), 42 U.S.C. § 7414(a). Section 114(a) authorizes the Administrator of EPA to require the submission of information. The Administrator has delegated this authority to the Director of the Air and Radiation Division, Region 5.

Toyota owns and operates an emission source at the 4000 Tulip Tree Drive, Princeton, Indiana City facility. We are requesting this information to determine whether you are complying with the Clean Air Act.

Toyota must send all required information to:

Attn: Compliance Tracker, AE-18J
Air Enforcement and Compliance Assurance Branch

U.S. Environmental Protection Agency
Region 5
77 W. Jackson Boulevard
Chicago, Illinois 60604

Toyota must submit all required information under an authorized signature with the following certification:

I certify under penalty of law that I have examined and am familiar with the information in the enclosed documents, including all attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are, to the best of my knowledge and belief, true and complete. I am aware that there are significant penalties for knowingly submitting false statements and information, including the possibility of fines or imprisonment pursuant to Section 113(c)(2) of the Clean Air Act and 18 U.S.C. §§ 1001 and 1341.

As explained more fully in Appendix C, you may assert a claim of business confidentiality under 40 C.F.R. Part 2, Subpart B for any part of the information you submit to us. Information subject to a business confidentiality claim is available to the public only to the extent, and by means of the procedures, set forth at 40 C.F.R. Part 2, Subpart B. If you do not assert a business confidentiality claim when you submit the information, EPA may make this information available to the public without further notice. You should be aware, moreover, that pursuant to Section 114(c) of the CAA and 40 C.F.R. § 2.301(a) and (f), emissions data, standards and limitations are not entitled to confidential treatment. Appendix C provides additional information regarding the meaning and scope of the term “emissions data.”

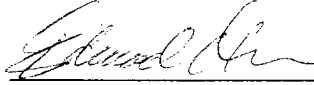
This information request is not subject to the Paperwork Reduction Act, 44 U.S.C. § 3501 *et seq.*, because it seeks collection of information from specific individuals or entities as part of an administrative action or investigation.

We may use any information submitted in response to this request in an administrative, civil or criminal action.

Failure to comply fully with this information request may subject Toyota to an enforcement action under Section 113 of the CAA, 42 U.S.C. § 7413.

You should direct any questions about this information request to Marie St. Peter at 312 886-4746.

4/24/18
Date



Edward Nam
Director
Air and Radiation Division

Appendix A

When providing the information requested in Appendix B, use the following instructions and definitions.

Instructions

1. Provide a separate narrative response to each question and subpart of a question set forth in Appendix B.
2. Precede each answer with the number of the question to which it corresponds and, at the end of each answer, identify the person(s) who provided information used or considered in responding to that question, as well as each person consulted in the preparation of that response.
3. Indicate on each document produced, or in some other reasonable manner, the number of the question to which it corresponds.
4. When a response is provided in the form of a number, specify the units of measure of the number in a precise manner.
5. Where information or documents necessary for a response are neither in your possession nor available to you, indicate in your response why the information or documents are not available or in your possession, and identify any source that either possesses or is likely to possess the documents or information.
6. If information not known or not available to you as of the date of submission later becomes known or available to you, you must supplement your response. Moreover, should you find at any time after the submission of your response that any portion of the submitted information is false or incorrect, you must notify EPA as soon as possible.

Electronic Submissions

To aid in our electronic recordkeeping efforts, we request that you provide all documents responsive to this information request in an electronic format according to paragraphs 1 through 6, below. These submissions are in lieu of hard copy.

1. Provide all responsive documents in Portable Document Format (PDF) or similar format, unless otherwise requested in specific questions. If the PDFs are scanned images, perform at least Optical Character Recognition (OCR) for "image over text" to allow the document to be searchable. Submitters providing secured PDFs should also provide unsecured versions for EPA use in repurposing text.
2. When specific questions request data in electronic spreadsheet form, provide the data and corresponding information in editable Excel or Lotus format, and not in image format. If Excel or Lotus formats are not available, then the format should allow for data to be used in calculations by a standard spreadsheet program such as Excel or Lotus.

3. Provide submission on physical media such as compact disk, flash drive or other similar item.
4. Provide a table of contents for each compact disk or flash drive containing electronic documents submitted in response to our request so that each document can be accurately identified in relation to your response to a specific question. *We recommend the use of electronic file folders organized by question number.* In addition, each compact disk or flash drive should be labeled appropriately (e.g., Company Name, Disk 1 of 4 for Information Request Response, Date of Response).
5. Documents claimed as confidential business information (CBI) must be submitted on separate disks/drives apart from the non-confidential information. This will facilitate appropriate records management and appropriate handling and protection of the CBI. Please follow the instructions in Appendix C for designating information as CBI.
6. Certify that the attached files have been scanned for viruses and indicate what program was used.

Definitions

All terms used in this information request have their ordinary meaning unless such terms are defined in the CAA, 42 U.S.C. §§ 7401 *et seq.*

1. The terms “document” and “documents” shall mean any object that records, stores, or presents information, and includes writings, memoranda, records, or information of any kind, formal or informal, whether wholly or partially handwritten or typed, whether in computer format, memory, or storage device, or in hardcopy, including any form or format of these. If in computer format or memory, each such document shall be provided in translation to a form useable and readable by EPA, with all necessary documentation and support. All documents in hard copy should also include attachments to or enclosures with any documents.
2. The term “relate to” (or any form thereof) shall mean constituting, reflecting, representing, supporting, contradicting, referring to, stating, describing, recording, noting, embodying, containing, mentioning, studying, analyzing, discussing, evaluating or relevant to.
3. The term "capital appropriation request" shall mean any document used by plant personnel in seeking management approval for planned expenditures at the Facility. These documents are also known as authorizations for expenditure, capital requests or other, similar names.
4. The term “final assembly line” shall mean those operations which occur at the Facility involving assembly of materials (e.g. tires, fluid tanks, etc.) onto the vehicle after going through either one of the paint shops.

Appendix B

Information You Are Required to Submit to EPA

Toyota Motor Manufacturing Indiana, Inc. (Toyota) must submit the following information pursuant to Section 114(a) of the CAA, 42 U.S.C. § 7414(a), for its facility located at 4000 Tulip Tree Drive, Princeton, Indiana (the Facility) in accordance with the schedule specified in paragraph 1, below:

1. Provide responses to Items 2-5 within 30 days of Receipt of this Request. Provide responses to Items 6-11 within 60 days of Receipt of this Request. Provide responses to Items 12-18 within 90 days of Receipt of this Request.
2. Provide a spreadsheet, in Microsoft Excel or compatible format, that includes the following since January 1, 2004 to the present for the Plant #1 (aka West Plant):
 - a. the number of jobs produced per month;
 - b. the production hours of the final assembly line for each month;
 - c. amount of material and coating usage (gallons) in the electrodeposition system (Emission Unit (EU) 5a);
 - d. the production hours of the EU 5a;
 - e. amount of material and coating usage (gallons) in the primer surfacer (guidecoat) system (EU 5b);
 - f. production hours of the EU 5b;
 - g. amount of material and coating usage (gallons) in the topcoat system – Topcoat A in EU 5c;
 - h. production hours of the topcoat system – Topcoat A in EU 5c;
 - i. amount of material and coating usage (gallons) in the topcoat system – Topcoat B in EU 5c;
 - j. production hours of the topcoat system – Topcoat B in EU 5c;
 - k. amount of material and coating usage (gallons) in the interior parts systems (EU 6b);
 - l. production hours of EU 6b;
 - m. amount of material and coating usage (gallons) in the primer booths and oven unit of the Plastic Painting Operations of Bumper and Exterior Parts system (EU 14);
 - n. production hours of EU 14;
 - o. amount of material and coating usage (gallons) in the topcoat booth and oven unit of the Plastic Painting Operations of Bumper and Exterior Parts system (EU 15);
 - p. production hours of EU 15;
 - q. amount of solvent usage (gallons) in the miscellaneous process cleaning operation (EU 10).
3. Provide a spreadsheet, in Microsoft Excel or compatible format, that includes the following since January 1, 2004 for the Plant #2 (aka East Plant):

- a. the number of jobs produced per month;
 - b. the production hours of the final assembly line for each month;
 - c. amount of material and coating usage (gallons) in the electrodeposition system (EU 17a);
 - d. the production hours of the EU 17a;
 - e. amount of material and coating usage (gallons) in the primer surfacer (guidecoat) system (EU 17b);
 - f. production hours of the EU 17b;
 - g. amount of material and coating usage (gallons) in the topcoat system – Topcoat A in EU 17c;
 - h. production hours of the topcoat system – Topcoat A in EU 17c;
 - i. amount of material and coating usage (gallons) in the topcoat system – Topcoat B in EU 17c;
 - j. production hours of the topcoat system – Topcoat B in EU 17c;
 - k. amount of material and coating usage (gallons) in each interior parts system (EU 18) and (EU 27);
 - l. production hours of each EU 18 and 27;
 - m. amount of material and coating usage (gallons) in the Bumper Paint 2 system (EU 24);
 - n. production hours of the EU 24;
 - o. amount of solvent usage (gallons) in the miscellaneous process cleaning operation (EU 21).
4. Provide the monthly volatile organic compounds (VOC) emissions, from January 1, 2004 to the present, for each emission unit at the Facility. The response to this question must include documentation generated and records kept to demonstrate compliance with the automobile and light duty truck production limit and the VOC emission limit established in Condition D.1.1 of permit number 051-38599-0037, as required by Condition D.1.6 of permit number 051-38599-0037 and must provide example calculations demonstrating how emissions were calculated for each emission unit at the Facility. The response to this question must specify the quantity of VOC emissions from each Topcoat A and Topcoat B at both Plant #1 and #2.
5. For each VOC emission control equipment at the Facility, identify which emission unit(s) it serves, what exhaust point(s) in the emission unit(s) it handles, and provide a spreadsheet, in Microsoft Excel or compatible format, with the daily average value for each relevant operating parameter (e.g. for a thermal oxidizer, provide the daily average temperature) from January 1, 2013 to the present.
6. Identify and describe, in a chronologically organized table, all capital expenditures greater than \$50,000 commenced at the emission units and process equipment at the paint shops in Plant #1 and Plant #2 from January 1, 2013 until the present. For each capital expenditure, this table must contain the approximate date work (including maintenance work and modifications) commenced, the date work was completed or implemented, a brief description of each capital expenditure that identifies the work completed, the dollar

amount approved, and the dollar amount expended. If Toyota or its predecessor(s) received a permit for the project, indicate the permit number.

7. For each capital expenditure identified in response to Question 6 that cost more than \$100,000, provide copies of all capital appropriation requests, financial justifications, and authorizations, including attachments and addenda, generated by or prepared on behalf of Toyota or its predecessor(s) concerning that project.
8. From January 1, 2013 to the present, provide copies of the full test reports for all complete or partial air emissions testing for VOC. Emission testing includes, but is not limited to, compliance testing, engineering testing, and testing for general information.
9. Provide copies of all transfer efficiency testing, destruction efficiency testing and capture efficiency testing conducted at the Facility from January 1, 2013 to the present.
10. Provide a copy of all studies, evaluations, assessments, reports, and documents, including any correspondence, dated between January 1, 2013 and the date of this request, related to any of the following topics: extending the life of equipment at the Facility; increasing production capacity; recovering lost production capacity; or upgrading equipment or components.
11. Since January 1, 2004 through the present, and for any planned future production, provide a timeline that shows the dates of production for all vehicle models, including all design variations for each model year (e.g. different platforms and/or body styles), at the Facility. Additionally, include the dimensions (e.g. length, width, height, and paintable surface area) of the vehicle body of each model, model year platform and body style produced, or planning to be produced, and any changes between platforms, from January 1, 2004 through the present.
12. Provide a narrative, along with a timeline, that describes any physical changes that the Facility has made at either of its paint shops from January 1, 2013 to the present such that it could produce a new model year platform, increase the Facility's net hourly production rate or hourly production rate at an EU, and/or maintain the Facility's net hourly production rate or hourly production rate at an EU.
13. For each month from January 1, 2013 to the present, provide the emission rates calculated by the Facility to determine compliance with all limits set forth in 40 C.F.R. § 63.3091. For January 2016, provide the calculations and supporting documentation demonstrating how each emission rate was determined.
14. Provide copies of any VOC emission netting analyses and/or netting determinations completed from January 1, 2011 to the present which affect the Facility.
15. Provide copies of all documents generated pursuant to Conditions C.17(c)-(d) and Conditions C.18(e)-(f) of Permit Number 051-38599-00037.

16. Provide copies of any written correspondence, determinations, documents, communications, phone summaries, etc. with IDEM, from January 1, 2013 to the present, concerning the applicability of Prevention of Significant Deterioration, major non-attainment New Source Review rules, New Source Performance Standards, and/or National Emission Standards for Hazardous Air Pollutants to any emission unit at the Facility.
17. Provide a list of all air enforcement actions related to the facility taken by any state or local regulatory agency, or air related citizen complaints, from January 1, 2013 to the present. Include copies of any air-related administrative or judicial complaints; any notices of violation or notices of non-compliance; any documents resolving any alleged violations, such as consent decrees or consent orders; and any orders, such as administrative orders.
18. To the extent not provided before, provide copies of any correspondence, from January 1, 2013 through the present, between the state or local permitting authority regarding the installation or modification of any EU or the emission limits for any EU at the paint shops, and/or any VOC EUs at the rest of the facility, including, but not limited to, applicability determinations, regulatory interpretations, and approval orders.

Appendix C

Confidential Business and Personal Privacy Information

Assertion Requirements

You may assert a business confidentiality claim covering any parts of the information requested in the attached Appendix B, as provided in 40 C.F.R. § 2.203(b).

Emission data provided under Section 114 of the CAA, 42 U.S.C. § 7414, is not entitled to confidential treatment under 40 C.F.R. Part 2.

“Emission data” means, with reference to any source of emissions of any substance into the air:

Information necessary to determine the identity, amount, frequency, concentration or other characteristics (to the extent related to air quality) of any emission which has been emitted by the source (or of any pollutant resulting from any emission by the source), or any combination of the foregoing;

Information necessary to determine the identity, amount, frequency, concentration or other characteristics (to the extent related to air quality) of the emissions which, under an applicable standard or limitation, the source was authorized to emit (including to the extent necessary for such purposes, a description of the manner and rate of operation of the source); and

A general description of the location and/or nature of the source to the extent necessary to identify the source and to distinguish it from other sources (including, to the extent necessary for such purposes, a description of the device, installation, or operation constituting the source).

40 C.F.R. § 2.301(a)(2)(i)(A), (B) and (C).

To make a confidentiality claim, submit the requested information and indicate that you are making a claim of confidentiality. Any document for which you make a claim of confidentiality should be marked by attaching a cover sheet stamped or typed with a caption or other suitable form of notice to indicate the intent to claim confidentiality. The stamped or typed caption or other suitable form of notice should employ language such as “trade secret” or “proprietary” or “company confidential” and indicate a date, if any, when the information should no longer be treated as confidential. Information covered by such a claim will be disclosed by EPA only to the extent permitted and by means of the procedures set forth at Section 114(c) of the CAA and 40 C.F.R. Part 2. Allegedly confidential portions of otherwise non-confidential documents should be clearly identified. EPA will construe the failure to furnish a confidentiality claim with your response to the information request as a waiver of that claim, and the information may be made available to the public without further notice to you.

Determining Whether the Information Is Entitled to Confidential Treatment

All confidentiality claims are subject to EPA verification and must be made in accordance with 40 C.F.R. § 2.208, which provides in part that you must satisfactorily show: that you have taken reasonable measures to protect the confidentiality of the information and that you intend to continue to do so, that the information is not and has not been reasonably obtainable by legitimate means without your consent and that disclosure of the information is likely to cause substantial harm to your business's competitive position.

Pursuant to 40 C.F.R. Part 2, Subpart B, EPA may at any time send you a letter asking that you support your confidential business information (CBI) claim. If you receive such a letter, you must respond within the number of days specified by EPA. Failure to submit your comments within that time would be regarded as a waiver of your confidentiality claim or claims, and EPA may release the information. If you receive such a letter, EPA will ask you to specify which portions of the information you consider confidential by page, paragraph and sentence. Any information not specifically identified as subject to a confidentiality claim may be disclosed to the requestor without further notice to you. For each item or class of information that you identify as being CBI, EPA will ask that you answer the following questions, giving as much detail as possible:

1. For what period of time do you request that the information be maintained as confidential, e.g., until a certain date, until the occurrence of a special event or permanently? If the occurrence of a specific event will eliminate the need for confidentiality, please specify that event.
2. Information submitted to EPA becomes stale over time. Why should the information you claim as confidential be protected for the time period specified in your answer to question number 1?
3. What measures have you taken to protect the information claimed as confidential? Have you disclosed the information to anyone other than a governmental body or someone who is bound by an agreement not to disclose the information further? If so, why should the information still be considered confidential?
4. Is the information contained in any publicly available databases, promotional publications, annual reports or articles? Is there any means by which a member of the public could obtain access to the information? Is the information of a kind that you would customarily not release to the public?
5. Has any governmental body made a determination as to confidentiality of the information? If so, please attach a copy of the determination.
6. For each category of information claimed as confidential, explain with specificity why release of the information is likely to cause substantial harm to your competitive position. Explain the specific nature of those harmful effects, why they should be viewed as

CERTIFICATE OF MAILING

I certify that I sent a Request to Provide Information Pursuant to the Clean Air Act by

Certified Mail, Return Receipt Requested, to:

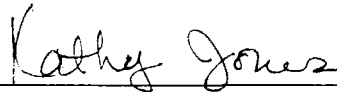
Margaret Weinzapfel
Toyota Motor Manufacturing Indiana, Inc.
4000 Tulip Drive
Princeton, Indiana 46767

I also certify that I sent a copy of the Request to Provide Information Pursuant to the

Clean Air Act by E-mail to:

Phillip Perry
Chief, Air Compliance Branch
PPERRY@idem.IN.gov

On the 2nd day of May 2018.



Kathy Jones, Program Technician
AECAB, PAS

CERTIFIED MAIL RECEIPT NUMBER: 7017 0660 0000 3661 7662

substantial and the causal relationship between disclosure and such harmful effects. How could your competitors make use of this information to your detriment?

7. Do you assert that the information is submitted on a voluntary or a mandatory basis? Please explain the reason for your assertion. If you assert that the information is voluntarily submitted information, explain whether and why disclosure of the information would tend to lessen the availability to EPA of similar information in the future.
8. Is there any other information you deem relevant to EPA's determination regarding your claim of business confidentiality?

If you receive a request for a substantiation letter from the EPA, you bear the burden of substantiating your confidentiality claim. Conclusory allegations will be given little or no weight in the determination. In substantiating your CBI claim(s), you must bracket all text so claimed and mark it "CBI." Information so designated will be disclosed by EPA only to the extent allowed by and by means of the procedures set forth in 40 C.F.R. Part 2, Subpart B. If you fail to claim the information as confidential, it may be made available to the public without further notice to you.

Personal Privacy Information

Please segregate any personnel, medical and similar files from your responses and include that information on a separate sheet(s) marked as "Personal Privacy Information." Disclosure of such information to the general public may constitute an invasion of privacy.